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PATENT ABSTRACTS OF JAPAN

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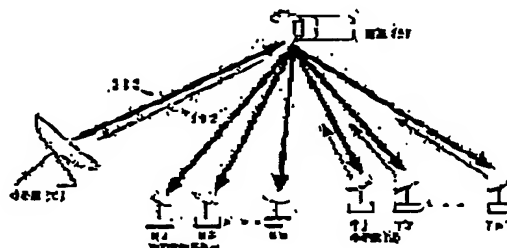
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(54) SATELLITE PACKET COMMUNICATION SYSTEM

(57)Abstract:

PURPOSE: To make the communication of data possible with high quality and with an retransmission request despite the low quality of a satellite circuit by taking out the packet that is normally received based on a prescribed packet selection system at the receiver side.

CONSTITUTION: The communication is carried out between a center station C and the compact ground stations T1-Tn and between the station C and the compact reception-only stations R1-Rn via a satellite S. When the information is transmitted from a transmitter side, a packet number, a continuous transmission number, and a frame check sequence are added to the packet to be transmitted. Then the same packet is continuously transmitted through a satellite circuit in plural times shown by the maximum value of the continuous transmission number. Meanwhile at the receiver side, each frame check sequence of plural packets received continuously is calculated. Then one of those packets having the frame check sequences coincident with the calculated one is selected as a packet for normal reception.



LEGAL STATUS

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